

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"20070187236"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 13:39
S2	2	"20070125645"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 13:43
S3	2	WO "2005093124"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 13:59
S4	159	(Yuichiro near2 Nakamura).in.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 14:17
S5	10	(Akira near2 Hisano).in.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 14:17
S6	7266	(Nippon adj2 Mining).as.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 14:17
S7	165	(S4 or S5)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 14:18
S8	7256	S6 not (S7 or S5)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 14:22

S9	7246	S8 and (sputter\$4 or target or (cobalt or co))	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 14:23
S10	366	S8 and (sputter\$4 or target)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 14:23
S11	363	S10 and (cobalt or co!)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 14:23
S12	127	S11 and (inter\$1metallic or oxide or carbide or carbo41nitride)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 14:26
S13	240	(Co adj2 Cr adj2 Pt adj2 B or Co-Cr-Pt-B)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 14:28
S14	217	S13 and (sputter\$4 or target)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 14:28
S15	2	JP "11293454"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 14:40
S16	2	JP "09228037"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 14:40

S17	2	JP "06136524"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 14:40
S18	2	JP "2003226954"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 14:40
S19	2	JP "2002069623"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 14:40
S20	2	JP "2001026860"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 14:41
S21	2	JP "2002069625"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 14:41
S22	3	US "6153315"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 14:41
S23	2	JP "2000199054"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 14:41
S24	2	JP "03257158"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 14:42

S25	21	(S15 or S16 or S17 or S18 or S19 or S20 or S21 or S22 or S23 or S24)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 14:43
S26	1	WO "2004009865"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 15:32
S27	2	JP "03257158"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 15:32
S28	1137	(sputter\$4 same target) and (cobalt or co!) near5 (chromium or cr!) and (rough\$1ness)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 15:35
S29	567	(sputter\$4 same target) and (cobalt or co!) near5 (chromium or cr!) and (rough\$1ness) and (lathe or grinding or polish\$4 or sanding or sanded)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 15:36
S30	22	(sputter\$4 same target).ab. and (cobalt or co!) near5 (chromium or cr!) and (rough\$1ness) and (lathe or grinding or polish\$4 or sanding or sanded)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 15:36
S31	1870	204/298.12,298.13.ccls.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 15:38
S32	1602	S31 and (sputter\$\$ near5 target)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 15:38

S33	602	S32 and (oxide or inter \$1metallic or carbide or carbonitride or boride)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 15:39
S34	157	S33 and (particle or inclusion or carbide or oxide or boride or carbonitride) near5 (diameter or micron or nm or ".mu.m")	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 15:40
S35	76	S33 and roughness	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 15:41
S36	234	S33 and (polish or polished or polishing or grind or ground or grinding or sand or sanded or sanding or grit)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 15:42
S37	321	S34 or S35 or S36	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 15:42
S38	259	(Co near3 Or near3 Pt near3 B) and sputter\$4 and (cathode or target)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 17:30
S39	119	S38 and (nodule or particle)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 17:31
S40	109	(Co near3 Or near3 Pt near3 B) and sputter\$4 and (cathode or target) and (polish\$4 or grind\$4 or sand \$4)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 17:33

S41	10	(Co near3 Cr near3 Pt near3 B) and sputter\$4 and (cathode or target) and (lathe or lathing)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 17:33
S42	1	WO "1997031739"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 17:37
S43	0	(Co near3 Cr near3 Pt near3 B) and (planar or flat) same (lathe or lathing)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 17:39
S44	0	(sputter near5 target) same (planar or flat) same (lathe or lathing)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 17:40
S45	1	(sputter\$4 near5 target) same (planar or flat) same (lathe or lathing)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 17:40
S46	9	(sputter\$4 near5 target) same (grind\$4 or sand\$4 or lapp\$4 or polish\$4) same grit	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 17:43
S47	144	target same (grind\$4 or sand\$4 or lapp\$4 or polish \$4) same grit	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 17:44
S48	27	S47 and (sputter\$4)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 17:44

S49	8	"4895592"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 17:46
S50	1189	148/425.ccls. or 420/435,436.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 17:50
S51	87	S50 and (cobalt or co!) and (chromium or cr!) and (platinum or pt!) and (boron or b!)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 17:50
S52	48	S51 and (cathode or sputter \$4 or target)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 17:51
S53	2390	C22C019/07.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 18:00
S54	11524	M26-B08\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 18:00
S55	957	(S53 or S54) and (cobalt or co!) and (chromium or cr!) and (platinum or pt!) and (boron or b!)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 18:01
S56	126	S55 and (cathode or sputter \$4 or target)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 18:01

S57	102	S56 not S52	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 18:01
S58	12800	C23C014/34.ipc.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 18:16
S59	2219	C23C014/35.ipc.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 18:16
S60	1247	H01F041/18.ipc.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 18:16
S62	6971	H01L021/285.ipc.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 18:17
S63	1006	M13-G02A\$2	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 18:17
S64	11475	(S58 or S59 or S60 or S61 or S62 or S63) and sputter\$4 and (target or cathode)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 18:18
S65	147	S64 and rough\$ness and (polish\$4 or grind\$4 or lapp\$4 or sand\$4)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 18:19

S66	451	S64 and (cobalt or co!) and (chromium or cr!) and (platinum or pt!) and (boron or b!)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 18:19
S67	57	S64 and (lathe or lathing)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 18:19
S68	130	S64 and (oxide or boride or intermetallic or carbonitride) same (particle near3 (size or diameter))	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 18:20
S69	30	S64 and (oxide or boride or intermetallic or carbonitride) same (volume or vol) same (percent or ". percent." or '%')	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 18:21
S70	116	S64 and (cobalt or co!) same (chromium or cr!) same (platinum or pt!) same (boron or b!)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 18:21
S71	12	S64 and rough\$ness and (polish\$4 or grind\$4 or lapp \$4 or sand\$4) and grit	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 18:23
S72	93	target and sputter\$4 and lathe same (mm or millimeters)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 18:35
S73	75	S68 and (cobalt or co!)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 18:45

S74	29	S68 and (cobalt or co!) and (chromium or cr!)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 18:45
S75	84	(Tomonori near2 Ueno).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 18:51
S76	48	(Wenjun near2 Zhang).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 18:52
S77	15	(Michael near2 Bartholomeusz).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 18:52
S78	28	(Abdelouahab near2 Ziani).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 18:52
S79	5776	Heraeus.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 18:52
S80	67	(S75 or S76 or S77 or S78) and sputter\$4 and target	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 18:53

S81	81	(US-20070125645-\$ or US-20040103750-\$ or US-20070187236-\$ or US-20070175753-\$ or US-20080116066-\$ or US-20070062806-\$ or US-20070062807-\$ or US-20020003009-\$ or US-20020170821-\$ or US-20040018110-\$ or US-20050277002-\$ or US-20050274221-\$ or US-20030155235-\$ or US-20040188249-\$ or US-20040208774-\$ or US-20020106297-\$ or US-20010030172-\$).did. or (US-7344660-\$ or US-6106895-\$ or US-6521062-\$ or US-6759005-\$ or US-6797137-\$ or US-7314650-\$ or US-6309556-\$ or US-5976326-\$ or US-5997704-\$ or US-6001227-\$ or US-6171455-\$ or US-6875325-\$ or US-5709783-\$ or US-5428882-\$ or US-4895592-\$ or US-4992095-\$ or US-5282946-\$ or US-5728279-\$ or US-6599377-\$ or US-6153315-\$ or US-6284111-\$ or US-5354446-\$).did. or (WO-2005093124-\$ or WO-2004001092-\$ or EP-1876258-\$ or WO-2008001547-\$ or WO-2007097396-\$ or WO-2007043215-\$).did. or (JP-10110264-\$ or JP-10251848-\$ or JP-11350122-\$ or JP-2000239835-\$ or JP-03115564-\$ or JP-03115563-\$ or JP-03115562-\$ or JP-2001009670-\$ or JP-2007291522-\$ or JP-2001073125-\$ or JP-2005146290-\$ or JP-05148631-\$ or JP-2002069623-\$ or JP-03257158-\$ or JP-06136524-\$ or JP-09228037-\$ or JP-2000199054-\$ or JP-2001026860-\$ or JP-2002069625-\$ or JP-	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/11/03 18:53
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		2000158201-\$).did. or (WO-2008096648-\$ or WO-2008041535-\$ or WO-2007043215-\$ or WO-8707650-\$ or WO-2006134694-\$ or WO-2004009865-\$ or EP-1746173-\$ or EP-872572-\$ or JP-11293454-\$ or JP-2002069625-\$ or JP-2003226954-\$ or JP-2002069623-\$ or WO-9731739-\$ or DE-4410114-\$ or DE-19508535-\$ or JP-2001262327-\$).did.				
S82	59	S80 not S81	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 18:53
S83	287	S79 and sputter\$4 and target	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 19:04
S84	99	S83 and (cobalt or co!) and (chromium or cr!)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 19:04
S85	69	S84 not (S82 or S81)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 19:04
S86	5172	sputter\$4 and target and (sand\$4 or polish\$4 or grind \$4) same (micron or ".mu.m" or inch)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/04 15:45
S87	3318	sputter\$4 and target and (sand\$4 or polish\$4 or grind \$4) same (micron or ".mu.m" or inch) same surface	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/04 15:46

S88	49	"451".clas. and S87	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/04 15:46
S89	175	(sputter\$4 and target).ab. and (sand\$4 or polish\$4 or grind\$4) same (micron or ". mu.m" or inch) same surface	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/04 15:50
S90	7	(sputter\$4 and target).ab. and (sand\$4 or polish\$4 or grind\$4) same (micron or ". mu.m" or inch) near5 (remov\$5)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/04 15:57
S91	12	(Vijay near2 Parkhe).in. and (sand\$4 or polish\$4 or grind\$4)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/04 16:04

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